ABSTRACT

Compounds of formula corresponding to either formula (Ia) or (Ib):

$$M - (X)_n - N \stackrel{\bigoplus}{\underset{R_3}{\longleftarrow}} R_1 \quad . Hal^{\bigodot}$$
 (Ia)

wherein:

M represents a molecule that can be used for the treatment or diagnosis of pathologies caused by attack on the cartilage,

 R_1 , R_2 and R_3 represent an alkyl group, or R_1 , R_2 and R_3 , together with the nitrogen atom carrying them, form a heterocycle,

X represents a (C₁-C₆)alkylene chain in which one or more -CH₂- groups are optionally replaced by a sulphur atom, an oxygen atom, or an -NR-, -CO-, -CO-NH-, -CO₂-, -SO- or -SO₂- group,

n represents 0 or 1,

Hal represents a halogen atom,

or,

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$$\begin{array}{ccc}
A & \oplus \\
B - N - R_4 & \cdot Hal^{\Theta}
\end{array} (Ib)$$

R₄ represents an alkyl group,

Hal represents a halogen atom,

B represents a molecule that can be used for the treatment or diagnosis of pathologies caused by attack on the cartilage, wherein the nitrogen atom may optionally be included in a saturated or unsaturated nitrogen-containing heterocyclic system, or included in a double bond; and pharmaceutical compositions thereof.